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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent No.: 7,090,899

Serial No. : 10/658,471

Filed : September 10, 2003

Issued : August 15, 2006

For : Liquid-crystalline Medium Having High Birefringence

**Certificate**

**AUG 30 2007**

**of Correction**

**PETITION FOR CERTIFICATE OF CORRECTION  
PURSUANT TO 37 C.F.R. § 1.322 OR § 1.323**

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

Applicants hereby request that the above-identified U.S. patent be corrected in accordance with the attached Certificate of Correction.

I. C.F.R. § 1.322

- ☐ The mistake(s) was/were incurred through the fault of the Patent and Trademark Office and is/are clearly disclosed in the records of the Office. Therefore, no fee is due.

II. C.F.R. § 1.323

- ☒ At least some of the mistakes were made by the applicant and the US PTO. Therefore, a check in the amount of \$100.00 in payment of the fee set forth in 37 C.F.R. § 1.20(a) is enclosed herewith.

Enclosed herewith is a Form PTO-1050 (in duplicate) listing errors that have been found in the above-identified patent. The error(s) are of a clerical or typographical nature or of minor character and were made in good faith. The requested correction(s) does not constitute new matter or require reexamination.

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**AUG 30 2007**

III. Accordingly, patentees and their assignee respectfully request that the Patent and Trademark Office issue a Certificate of Correction pursuant to 37 C.F.R. § 1.322 or § 1.323, respectively.

Respectfully submitted,

  
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Attorney Docket No.: MERCK-2739

Date: August 28, 2007

AUG 30 2007

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(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE

### CERTIFICATE OF CORRECTION

PATENT NO : 7,090,899

DATED : August 15, 2006

INVENTOR(S) : Matthias Bremer

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 16, line 52, reads "alkoxy alkenyl" should read – alkoxy, alkenyl –

Column 17, line 25, reads "acording to" should read – according to –

Column 17, line 63, reads "alkoxy or radical" should read – alkoxy or alkenyl radical –

Column 18, line 63, reads "R<sup>1</sup>, is" should read – R<sup>1</sup> is –

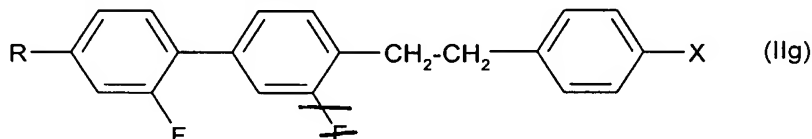
Column 19, line 35, reads "formula formulae" should read – formulae –

Column 19, line 30, insert – r and s are each independently –

Column 20, line 2, reads "R<sup>2</sup>, is" should read – R<sup>2</sup> is –

Column 20, line 11, reads "(Va) to Vd)" should read – (Va) to (Vd) –

Column 21, line 9, should read



Column 24, line 8, reads "(VIIb)," should read – (VIIb), –

Column 24, line 10, reads "formula (Va)," should read – formula (VIIIa), –

Column 24, line 66, reads "is 'F,'" should read – is –F, –

Column 25, line 29, reads "from formulas" should read – from formulae –

MAILING ADDRESS OF SENDER:

Millen, White, Zelano & Branigan, P.C.  
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Arlington, VA 22201

PATENT NO. 7,090,899

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## CERTIFICATE OF CORRECTION

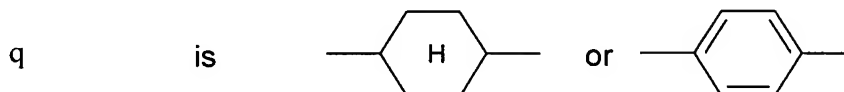
PATENT NO : 7,090,899

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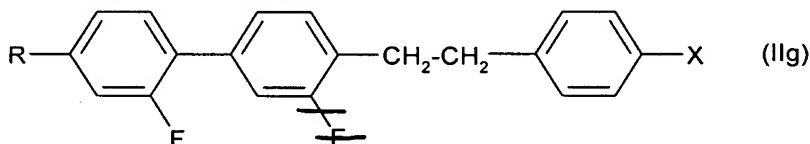
INVENTOR(S) : Matthias Bremer

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 25, line 29, reads "and formulas" should read – and formulae –  
 Column 26, line 2, reads "ropy  $\Delta\epsilon$  of  $\geq 3$ " should read - ropy  $\Delta\epsilon$  of  $\geq 3$  –  
 Column 26, line 16, reads "1-15 alkoxy" should read – 1-15, alkoxy –  
 Column 27, line 50, insert – R-k-l-m-R<sup>1</sup> –  
 Column 28, line 1, reads "R<sup>1</sup>, is" should read – R<sup>1</sup> is –  
 Column 28, line 33, should read



Column 28, line 57, insert – r and s are each independently –  
 Column 29, line 12, reads "R<sup>2</sup>, is" should read – R<sup>2</sup> is –  
 Column 29, line 44, reads "alkoy" should read – alkoxy –  
 Column 29, line 63, should read



Column 30, line 28, reads "alkyl radial" should read – alkyl radical –  
 Column 31, line 2, reads "(VIIa), (IXa)," should read – (VIIIa), (IXa), –  
 Column 31, line 12, reads "formula (IIg)," should read – formula (VIa), –  
 Column 31, line 40, reads "said mdiium" should read – said medium –  
 Column 32, line 34, reads "-OCF<sub>3</sub>, -OCF<sub>2</sub>H," should read – -OCF<sub>3</sub>, -OCF<sub>2</sub>H, –  
 Column 33, line 36, reads "R<sup>1</sup>, is" should read – R<sup>1</sup> is –  
 Column 34, line 30, insert – r and s are each independently –  
 Column 34, line 50, reads "R<sup>2</sup>, is" should read – R<sup>2</sup> is –

MAILING ADDRESS OF SENDER:

PATENT NO. 7,090,899

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